

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

An implantable ~~optically powered and optically data-transmitting~~ wireless-intraocular pressure sensor device for detecting excessive intraocular pressure above a predetermined threshold pressure is disclosed. The device includes ~~[[, comprising]]~~ a pressure switch that is sized and configured to be placed in an eye, wherein said pressure switch is activated when the intraocular pressure is higher than the predetermined threshold pressure. The device is optically powered and transmits data wirelessly using optical energy. In one embodiment, the pressure sensor device is a micro electromechanical system.